

Satyashiv jha

Electrical engineer

Address Kathmandu
Contact Number 9863052185
Email satshiv471@gmail.com
LinkedIn https://www.linkedin.com/in/satya-shiv-jha-944992266?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view

SUMMARY

i am a recently graduated electrical engineer from IoE paschimanchal campus, Pokhara. As an electrical engineer, I am passionate about solving complex problems through innovation and technical expertise. I am well-versed in using simulation tools like MATLAB, Simulink, and AutoCAD for designing and modeling electrical systems. Additionally, I have a deep understanding of electrical safety standards and sustainability practices in engineering.

EXPERIENCE

paschimanchal campus authority (pokhara)

Industrial wiring and installation
May, 2022 - Dec, 2022

-Experience Gained:

- Acquired extensive hands-on experience in wiring and installation provided by the campus.
- Participated in challenging tasks that required technical proficiency and problem solving.

-Project Management:

- Successfully managed multiple industrial wiring and installation projects from inception to completion.
- Ensure projects were completed within designated timelines and adhere to budget constraints.

-Safety Compliance:

- Ensure all installation complied with industry safety standards and regulations.
- Conducted regular inspection and implemented corrective actions when necessary.

EDUCATION

IoE (pokhara)

Bachelor in electrical engineering
Nov, 2019 - Apr, 2023

Bachelor in Electrical Engineering
Paschimanchal campus | Apr-2023

- In-depth study of electrical systems, circuits, and electronics with a focus on practical applications and theoretical foundations.
- Key coursework included: Circuit Analysis, Power Systems, Digital Logic Design, Signal Processing, Control Systems, Electromagnetics, Microelectronics, and Renewable Energy Systems.
- Hands-on experience with design and simulation software like MATLAB, Simulink, and AutoCAD.
- Emphasis on problem-solving, critical thinking, and innovation in the design and implementation of electrical solutions.

PROJECTS

IoT based distribution health monitoring system using arduino and nodemcu

well, i have done programming and compiling to run the components attached in transformer. This project will help the Authority to reduce repair cost of transformer and the transformers too which is expensive. Basically, this project comprises all the essential components that monitors health of a transformer on a real-time basis.

https://youtu.be/c10hwmtt_cE?si=nZg4aQBocmKcS9Gu

Achievements

Training/Certifications

udemy

Electrical Power Distribution With Auto-CAD, EXCEL, DIALux, ETAP
2025

Skills

Team management, Team management and Leadership skills, • Configuration, Troubleshooting, Installation

Language

English, Maithili, Nepali